

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076344.D
 Acq On : 20 Jan 2023 13:37
 Operator : JC\MD
 Sample : 01248-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 20 22:15:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	382247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	608736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	518193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203400	47.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.040%
35) Dibromofluoromethane	8.177	113	181046	47.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.571	98	691004	49.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	214566	46.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%

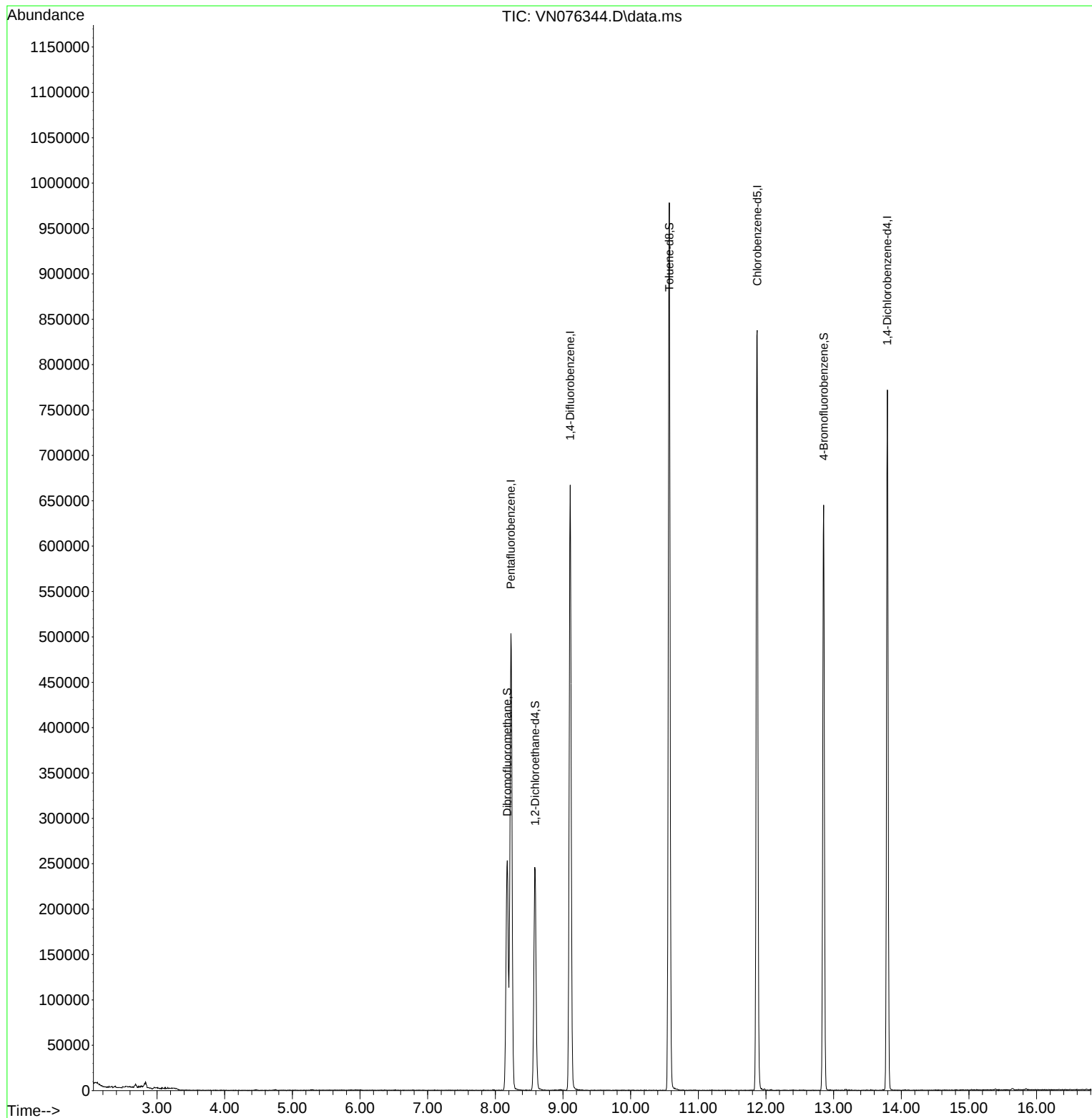
Target Compounds	Qvalue

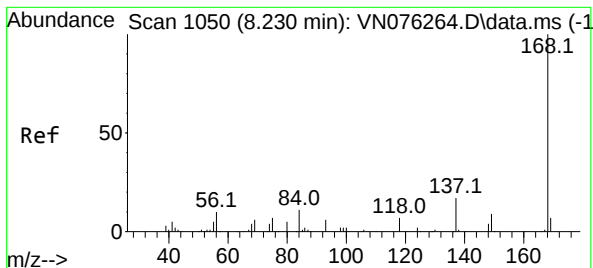
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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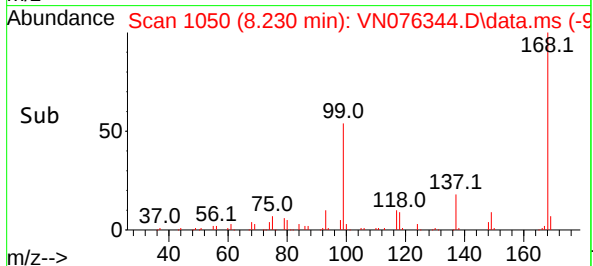
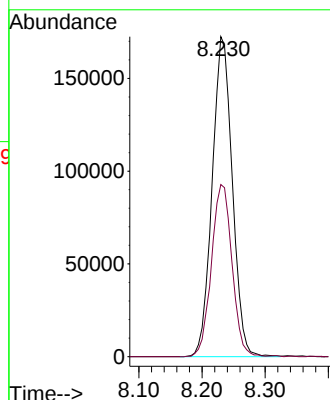
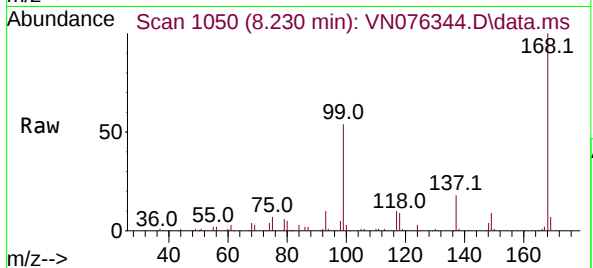




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

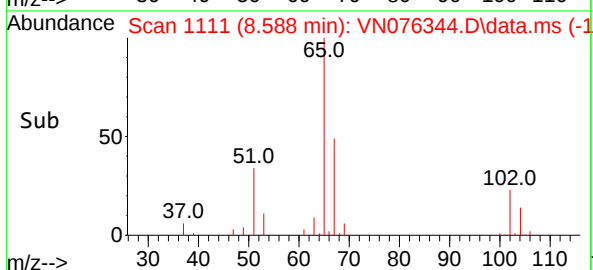
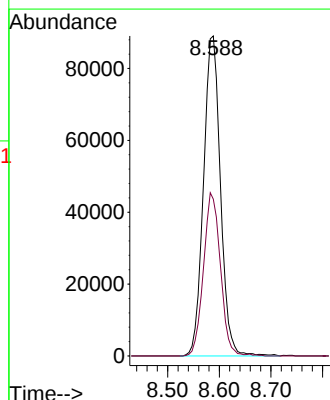
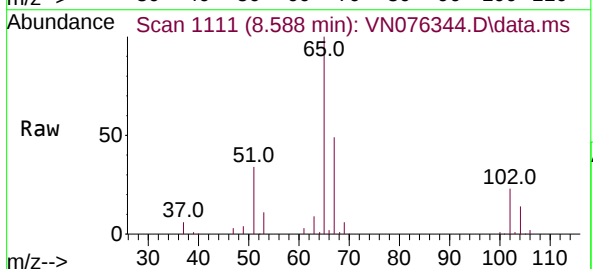
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 382247
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.524 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion: 65 Resp: 203400
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076344.D

Acq: 20 Jan 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

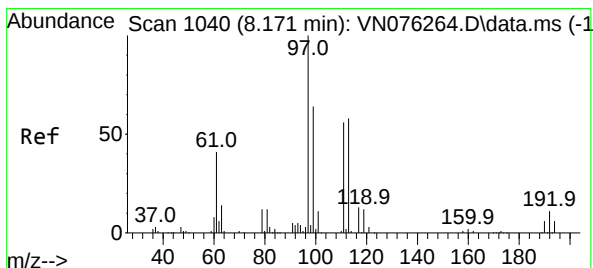
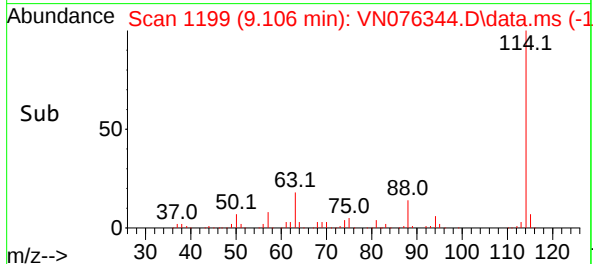
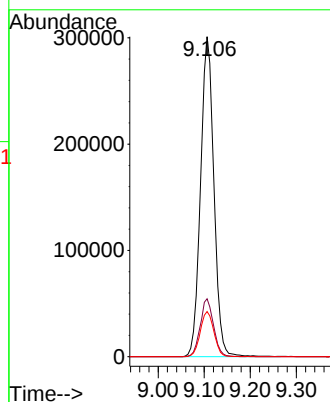
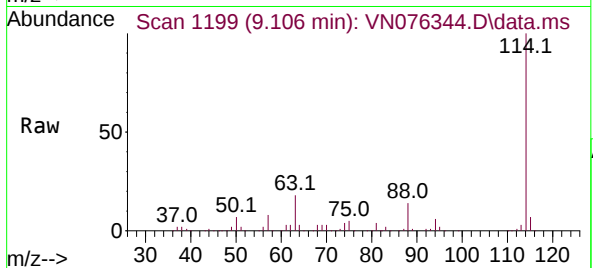
Tgt Ion:114 Resp: 608736

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 14.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.545 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076344.D

Acq: 20 Jan 2023 13:37

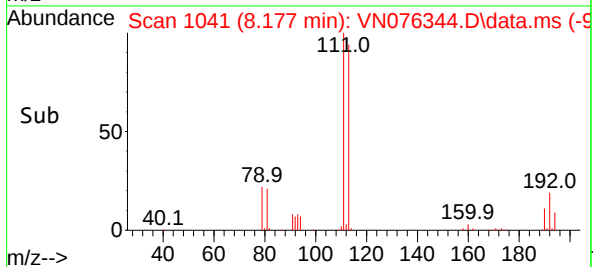
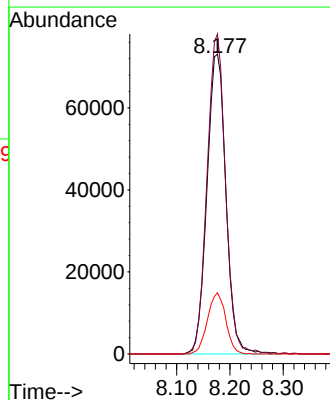
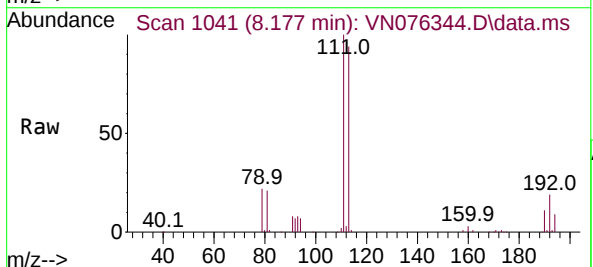
Tgt Ion:113 Resp: 181046

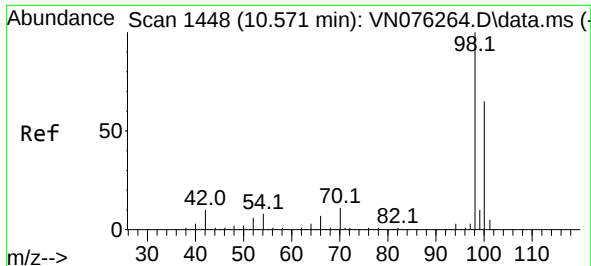
Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 19.7 15.6 23.4

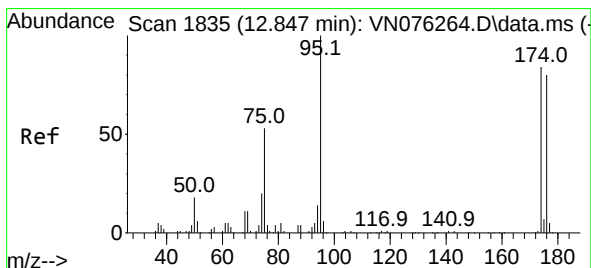
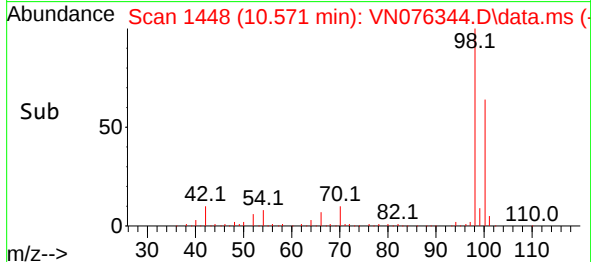
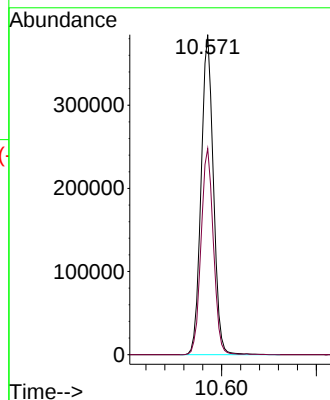
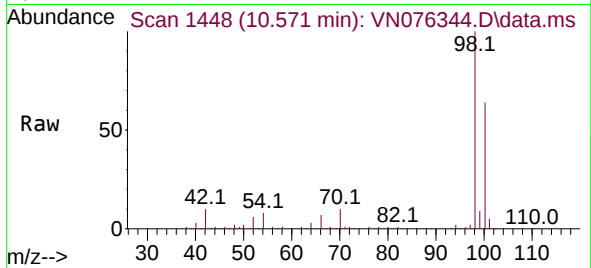




#50
Toluene-d8
Concen: 49.136 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

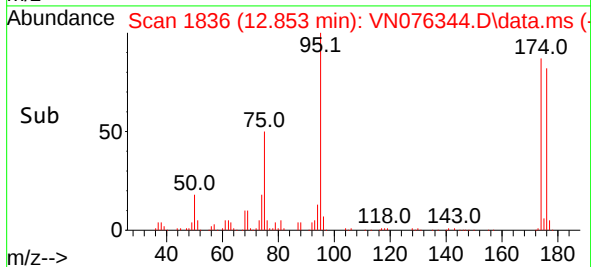
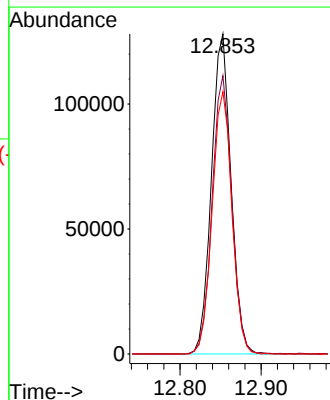
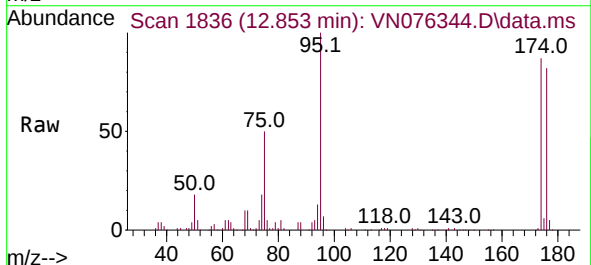
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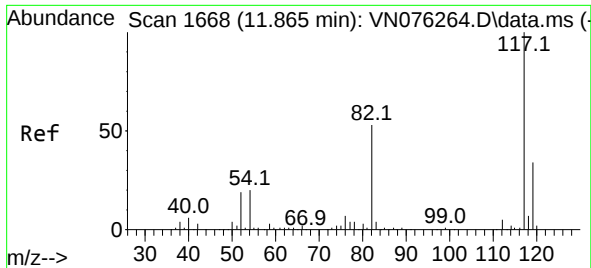
Tgt Ion: 98 Resp: 691004
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.737 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion: 95 Resp: 214566
Ion Ratio Lower Upper
95 100
174 87.1 0.0 174.6
176 82.6 0.0 167.8

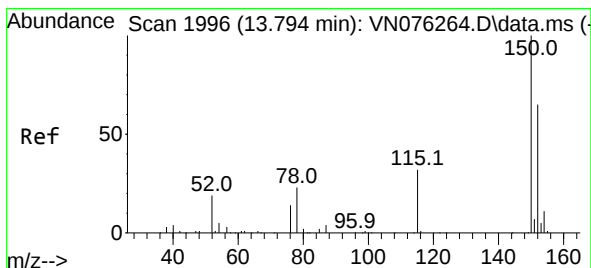
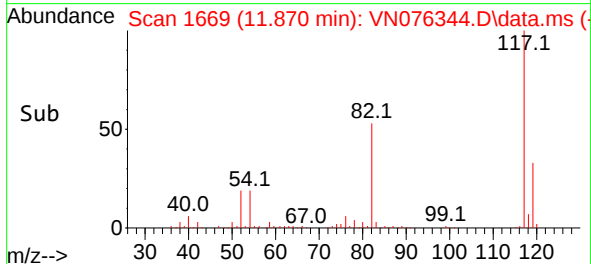
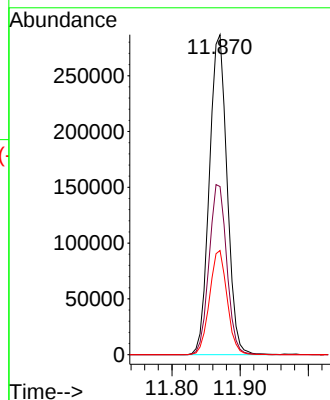
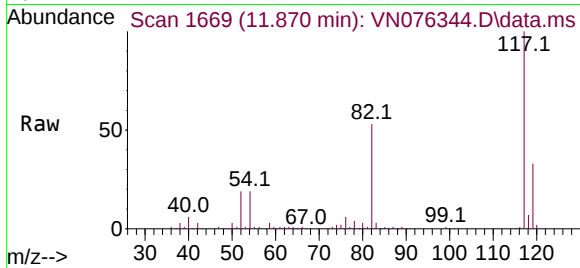




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 518193
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion:152 Resp: 215801
Ion Ratio Lower Upper
152 100
115 56.7 29.6 88.9
150 155.7 0.0 351.4

